BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:- Improvements to roads and Drains in Amruthalli gramatana in ward no.07 Byataranapura.

Est Cost:- 20.00 lakhs

PREMEASUREMENTS

BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA

Agency : Sri.BR Dhananjaya

Name of work: Improvements to roads and Drains in Amruthalli gramatana in ward no.07 Byataranapura.
Work order Amount:- 2316087.76
Jobcode:007-17-000010

Sl NO	Description of work	ch	No	L	B	D	QTY	
Premeasurement recorded on:								
1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications..							
	RCC Drain							
	Opposite to chairman house	0-30	1	30.00	0.75	0.75	16.88	
		30-36	1	6.00	0.75	0.75	3.38	
	Manjesh house road	0-19	1	19.00	0.75	0.75	10.69	
	Perpendicular road	0-30	1	30.00	0.75	0.75	16.88	
		30-35	1	5.00	0.75	0.75	2.81	
	PK Sriramappa house							
		0-23	1	23.00	0.75	0.75	12.94	
		23-37	1	14.00	0.75	0.75	7.88	
	Maramma temple road	0-5	1	5.00	0.90	0.90	4.05	
		0-30	1	30.00	0.90	0.90	24.30	
	C4FC	30-37.5	1	7.50	0.90	0.90	6.08	
	Govt school road	0-30	1	30.00	0.90	0.90	24.30	
	CP 30/4/21	30-60	1	30.00	0.90	0.90	24.30	
		60-80	1	20.00	0.90	0.90	16.20	
							170.66	30/4/21
	CC pavement							
	around maramma temple		1	14.00	4.50	0.30	18.90	
			1	15.00	3.55	0.30	15.98	
			1	10.00	3.80	0.30	11.40	
	C4FC		1	14.00	4.90	0.30	20.58	
	CP 3/5/21		1	12.00	8.00	0.30	28.80	
			1	11.00	10.00	0.30	33.00	
			1	20.00	8.60	0.30	51.60	
							180.26	
	culvert near govt school		1	6.00	0.90	0.90	4.86	NDD
					cum		355.78	3/5/21
					Qty Ltd to		354.65	

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

Assistant Executive Engineer

Sl NO	Description of work	ch	No	L	B	D	QTY	
Premeasurement recorded on:								
9 12	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH							
	as per item no. 01			c+fc 5/5/21		cum	354.65	5/5/21
						Lim to	350.00	

Assistant Engineer

Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pal...
Bangalore - 560 092

Ward No

Sl NO	Description of work	ch	No	L	B	D	QTY	
Premeasurement recorded on:								
2	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications							
	RCC Drain							
	Opposite to chairman house	0-30	1	30.00	0.75	0.10	2.25	
		30-36	1	6.00	0.75	0.10	0.45	
	Manjesh house road	0-19	1	19.00	0.75	0.10	1.43	
	Perpendicular road	0-30	1	30.00	0.75	0.10	2.25	
		30-35	1	5.00	0.75	0.10	0.38	
	PK Sriramappa house							
		0-23	1	23.00	0.75	0.10	1.73	
		23-37	1	14.00	0.75	0.10	1.05	
	Maramma temple road	0-5	1	5.00	0.90	0.10	0.45	
		0-30	1	30.00	0.90	0.10	2.70	
		30-37.5	1	7.50	0.90	0.10	0.68	
	Govt school road	0-30	1	30.00	0.90	0.10	2.70	
		30-60	1	30.00	0.90	0.10	2.70	
		60-80	1	20.00	0.90	0.10	1.80	
	CC pavement						20.55	
	around maramma temple		1	14.00	4.50	0.10	6.30	
			1	15.00	3.55	0.10	5.33	
			1	10.00	3.80	0.10	3.80	
			1	14.00	4.90	0.10	6.86	
			1	12.00	8.00	0.10	9.60	
			1	11.00	10.00	0.10	11.00	
			1	20.00	8.60	0.12	20.64	
	culvert- bottom		1	6.00	0.90	0.15	63.53	
	Culvert ramp		2	6.00	0.45	0.15	0.81	
							0.81	
							1.62	
					cum		85.70	
					Qty Ltd to		84.53	10/5/21

c4fe 10/5/21

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

SI NO	Description of work	ch	No	L	B	D	QTY	
	remeasurement recorded on:							
8	KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-235. Item No. 5.3)							
	culverts		2	6.00	0.45	0.60	3.24	
							3.24	11/5/21

11/5/21

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pal...
Bangalore - 560 092

Sl NO	Description of work	ch	No	L	B	D	QTY	
Premeasurement recorded on:								
9	Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge.							
		C4 FC	2	6.00		0.60	7.20	
							7.20	11/5/21

11/5/21

Asst Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Sl NO	Description of work	ch	No	L	B	D	QTY	
Premeasurement recorded on:								
5	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications							
		tonne		L	no of rods	le of u bar	Total length	
	LHS						10mm	10mm
	Main rod	0-30	1	30.00	300.00	2.00	600.00	
	distribution		1	30.00	17.00	30.00		510.00
	Main rod	30-36	1	6.00	60.00	2.00	120.00	
	distribution		1	6.00	17.00	6.00		102.00
	Main rod	0-19	1	19.00	190.00	2.00	380.00	
	distribution		1	19.00	17.00	19.00		323.00
	Main rod	0-30	1	30.00	300.00	2.00	600.00	
	distribution		1	30.00	17.00	30.00		510.00
	Main rod	30-35	1	5.00	50.00	2.00	100.00	
	distribution		1	5.00	17.00	5.00		85.00
	Main rod	0-23	1	23.00	230.00	2.60	598.00	
	distribution		1	23.00	22.00	23.00		506.00
	Main rod	23-37	1	14.00	140.00	2.60	364.00	
	distribution		1	14.00	22.00	14.00		308.00
	Main rod	0-5	1	5.00	50.00	2.60	130.00	
	distribution		1	5.00	22.00	5.00		110.00
	Main rod	0-30	1	30.00	300.00	2.60	780.00	
	distribution		1	30.00	22.00	30.00		660.00
	Main rod	30-37.5	1	7.50	75.00	2.60	195.00	
	distribution		1	7.50	22.00	7.50		165.00
	Main rod	0-30	1	30.00	300.00	2.60	780.00	
	distribution		1	30.00	22.00	30.00		660.00
	Main rod	30-60	1	30.00	300.00	2.60	780.00	
	distribution		1	30.00	22.00	30.00		660.00
	Main rod	60-80	1	15.00	150.00	2.60	390.00	
	distribution		1	15.00	22.00	15.00		330.00
							5817	4599 4929
							0.62 kg/cum	0.62 kg/cum
							3606.54	1793.61 2851.38
							5400.15	5.40
							Lim to	5.23

C & R 12/5/24

12/5/24

Assistant Engineer

Page 6

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Ward No.

Sl NO	Description of work	ch	No	L	B	D	QTY	
Premeasurement recorded on:								
6	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge							
	RCC DRAIN FIOR SIDE WALL							
	Opposite to chairman house	0-30	4	30.00		0.60	72.00	
		30-36	4	6.00		0.60	14.40	
	Manjesh house road	0-19	4	19.00		0.60	45.60	
	Perpendicular road	0-30	4	30.00		0.60	72.00	
		30-35	4	5.00		0.60	12.00	
	PK Sriramappa house						0.00	
		0-23	4	23.00		0.60	55.20	
		23-37	4	14.00		0.60	33.60	
	Maramma temple road	0-5	4	5.00		0.90	18.00	
		0-30	4	30.00		0.90	108.00	
		30-37.5	4	7.50		0.90	27.00	
	Govt school road	0-30	4	30.00		0.90	108.00	
		30-60	4	30.00		0.90	108.00	
		60-80	4	20.00		0.90	72.00	
	CC pavement						745.80	
	around maramma temple		2	14.00		0.30	8.40	
			2	15.00		0.30	9.00	
			2	10.00		0.30	6.00	
			2	14.00		0.30	8.40	
			2	12.00		0.30	7.20	
			2	11.00		0.30	6.60	
			2	20.00		0.30	12.00	
							57.60	
							803.40	12/5/21
						Lim to	789.00	

C4 FC
C/O
12/5/21

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 002

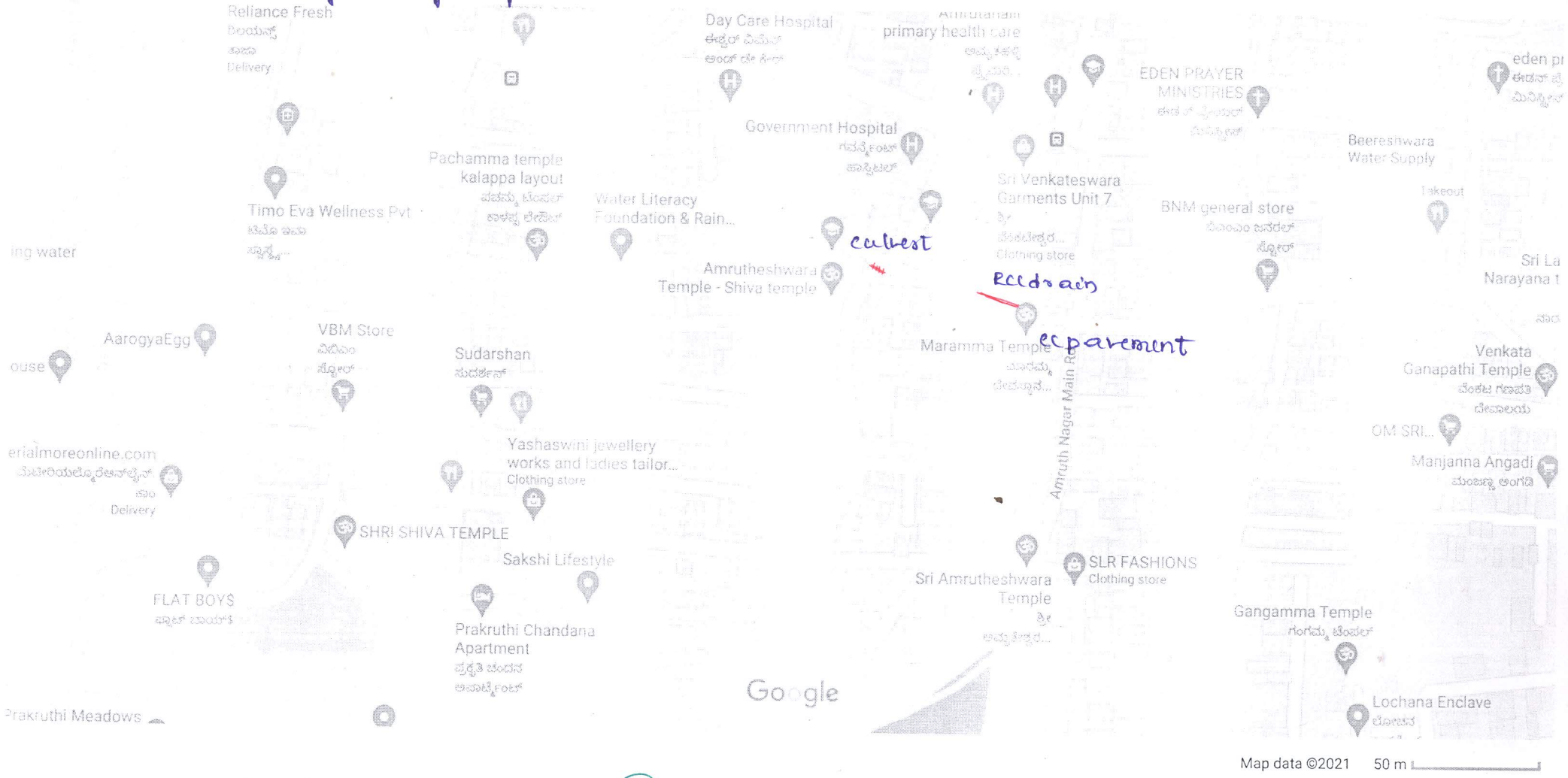
Ward No.(

Sl NO	Description of work	ch	No	L	B	D	QTY	
Premeasurement recorded on:								
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6							
	BOTTOM							
	Opposite to chairman house	0-30	1	30.00	0.75	0.15	3.38	
		30-36	1	6.00	0.75	0.15	0.68	
	Manjesh house road	0-19	1	19.00	0.75	0.15	2.14	
	Perpendicular road	0-30	1	30.00	0.75	0.15	3.38	
		30-35	1	5.00	0.75	0.15	0.56	15/6/21
	PK Sriramappa house							
	c4fc	0-23	1	23.00	0.75	0.15	2.59	
		23-37	1	14.00	0.75	0.15	1.58	
	Maramma temple road	0-5	1	5.00	0.90	0.15	0.68	
	CJD 15/6	0-30	1	30.00	0.90	0.15	4.05	
		30-37.5	1	7.50	0.90	0.15	1.01	
	Govt school road	0-30	1	30.00	0.90	0.15	4.05	
		30-60	1	30.00	0.90	0.15	4.05	
		60-80	1	20.00	0.90	0.15	2.70	
	SIDE WALL							
		0-30	2	30.00	0.15	0.60	5.40	
		30-36	2	6.00	0.15	0.60	1.08	
		0-19	2	19.00	0.15	0.60	3.42	
		0-30	2	30.00	0.15	0.60	5.40	
	c4fc	30-35	2	5.00	0.15	0.60	0.90	
	CJD 24/6/21	0-23	2	23.00	0.15	0.60	4.14	
		23-37	2	14.00	0.15	0.60	2.52	
		0-5	2	5.00	0.15	0.90	1.35	
		0-30	2	30.00	0.15	0.90	8.10	
		30-37.5	2	7.50	0.15	0.90	2.03	
		0-30	2	30.00	0.15	0.90	8.10	
		30-60	2	30.00	0.15	0.90	8.10	
		60-80	2	20.00	0.15	0.90	5.40	24/6/21
							86.76	
	For culvert bottom		1	6.00	0.90	0.15	0.81	
							87.57	
						Lim to	80.48	

Ashly.N.D
Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara
Bangalore - 560 002

Improvements to roads and drains in Amruthalli gramatana in Ward no-07 byalarayanapura.



Footpath on RHS.

Kodigehalli Ward
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:- Improvements to roads and Drains in Amruthalli gramatana in ward no.07 Byataranapura.

Est Cost:- 25.00 lakhs

POST MEASUREMENTS

Sl NO	Description of work	ch	No	L	B	D	QTY	

BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA

Agency : Sri.BR Dhananjaya

Name of work: Improvements to roads and Drains in Amruthalli gramatana in ward no.07 Byataranapura.

Work order Amount:-

MAIN BILL

Sl NO	Description of work	ch	No	L	B	D	QTY	
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications							
	Qty Vide page no (1) of premeasurements sheet					cum	354.65	
12	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH							
	Qty Vide page no (2) of premeasurements sheet					cum	354.65 350.00	
2	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications							
	Qty Vide page no (3) of premeasurements sheet					cum	84.53	
8	KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-235. Item No. 5.3)							
	Qty Vide page no (4) of premeasurements sheet					cum	3.24	

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

surements

Sl NO	Description of work	ch	No	L	B	D	QTY	
9	Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge.							
	Qty Vide page no (5) of premeasurements sheet					sqm	7.20	
5	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications						5.23	
	Qty Vide page no (6) of premeasurements sheet					tonne	5.40	
6	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge						789.00	
	Qty Vide page no (7) of premeasurements sheet					sqm	803.40	
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.						80.48	
	Qty Vide page no (8) of premeasurements sheet					cum	80.48	

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Sl NO	Description of work	ch	No	L	B	D	QTY	
10	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications							
	Opposite to chairman house		50	0.90	0.60		27.00	
			10	0.90	0.60		5.40	
	Manjesh house road		32	0.75	0.60		14.40	
	Perpendicular road		50	0.75	0.60		22.50	
			8	0.75	0.60		3.60	
	PK Sriramappa house							
			38	0.75	0.60		17.10	
			23	0.75	0.60		10.35	
	Maramma temple road		8	0.90	0.60		4.32	
			50	0.90	0.60		27.00	
			13	0.90	0.60		7.02	
	Govt school road		50	0.90	0.60		27.00	
			50	0.90	0.60		27.00	
			33	0.90	0.60		17.82	
					Total		210.51	15/11/24
					Qty ltd to		200.40	
11	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification							
	culvert slabs		10	0.60	1.50		9.00	
						sqm	9.00	
					Qty ltd to		6.48	15/11/24
3	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.878 cum and fine aggragtes @ 0.53cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications.							
	UGD CUT PORTION							
	Gramatana		1	15.00	1.50	0.15	3.38	
			1	20.00	1.00	0.15	3.00	
			1	25.00	1.50	0.15	5.63	
			1	20.00	2.00	0.15	6.00	
			1	20.00	2.00	0.15	6.00	
						cum	24.00	15/11/24

Executive Engineer

C4PC 15/11/24

C4PC 15/11/24

C4PC 15/11/24

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

asurements

Sl NO	Description of work	ch	No	L	B	D	QTY	
7	Providing and laying in cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complate (exclusive of cost of steel and fabrication charges)							
	CC PAVEMENT		1	14.00	4.50	0.10	6.30	
			1	15.00	3.55	0.10	5.33	
			1	10.00	3.80	0.10	3.80	
			1	14.00	4.90	0.10	6.86	
			1	12.00	8.00	0.10	9.60	
			1	11.00	10.00	0.10	11.00	
			1	20.00	8.60	0.12	20.64	
						cum	63.53	15/11/21
					Qty ltd to		60.30	

Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa...
Bangalore - 560 092

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:- Improvements to roads and Drains in Amruthalli gramatana in ward no.07 Byataranapura.

Est Cost:- 20.00 lakhs

ABSTRACT

BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA

Name of work — Improvements to roads and Drains in Amruthalli Gramatana in ward no.07 Byataranapura.

Job code — 007-20-000010

P-code — 1771

Agency — Sri.Dhananjaya

First and final bill

SI NO	Description	unit	Qty	RATE	AMOUNT
1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications..				
	Present Qty	cum	354.65		
	Previous Qty		0.00		
	Total Qty		354.65		
	BOQ Qty		354.65		
	Qty for payment		354.65	77.96	27649.00
2	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications				
	Present Qty	cum	84.53		
	Previous Qty		0.00		
	Total Qty		84.53		
	BOQ Qty		84.53		
	Qty for payment		84.53	4753.69	401830.00
3	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.878 cum and fine aggragtes @ 0.53cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications.				
	Present Qty	cum	24.00		
	Previous Qty		0.00		
	Total Qty		24.00		
	BOQ Qty		24.14		
	Qty for payment		24.00	5147.55	123542.00

4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.				
	Present Qty	cum	87.57		
	Previous Qty		0.00		
	Total Qty		87.57		
	BOQ Qty		80.48		
	Qty for payment		80.48	5810.74	467649.00
5	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications				
	Present Qty	tonne	5.23		
	Previous Qty		0.00		
	Total Qty		5.23		
	BOQ Qty		5.23		
	Qty for payment		5.23	55619.92	290893.00
6	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge				
	Present Qty	sqm	789.00		
	Previous Qty		0.00		
	Total Qty		789.00		
	BOQ Qty		789.60		
	Qty for payment		789.00	287.55	226877.00

7	Providing and laying in cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complate (exclusive of cost of steel and fabrication charges)				
	Present Qty	cum	60.30		
	Previous Qty		0.00		
	Total Qty		60.30		
	BOQ Qty		60.30		
	Qty for payment		60.30	5936.29	357959.00
8	KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-235. Item No. 5.3)				
	Present Qty	cum	3.24		
	Previous Qty		0.00		
	Total Qty		3.24		
	BOQ Qty		3.24		
	Qty for payment		3.24	3240.00	10498.00
9	Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge.				
	Present Qty	sqm	7.20		
	Previous Qty		0.00		
	Total Qty		7.20		
	BOQ Qty		36.00		
	Qty for payment		7.20	33.41	241.00
10	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications				
	Present Qty	sqm	200.40		
	Previous Qty		0.00		
	Total Qty		200.40		
	BOQ Qty		200.40		
	Qty for payment		200.40	1721.25	344939.00

11	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification				
	Present Qty	sqm	6.48		
	Previous Qty		0.00		
	Total Qty		6.48		
	BOQ Qty		6.48		
	Qty for payment		6.48	4791.56	31050.00
12	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH				
	Present Qty	cum	350.00		
	Previous Qty		0.00		
	Total Qty		350.00		
	BOQ Qty		350.00		
	Qty for payment		350.00	88.89	31112.00
			TOTAL		2314239.00

15/11/21

Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer
Kodigehalli Sub division

Executive Engineer
Byatarayanapura Division